

WHAT IS CLAIMED IS:

- 1 1. An information handling system bulk component package comprising:
2 a container having plural partitions, each partition sized to accept a component
3 and having opposing slots; and
4 a protective bag for each partition, each protective bag having an upper and
5 lower portion and sized to encase a component in a partition;
6 wherein each protective bag has opposing extensions associated with the upper
7 portion operable to couple to the partition slots and at least one
8 opening associated with the lower portion operable to pass air, the
9 extensions and opening aiding retention of a protective bag in a
10 partition during extraction of a component from the partition.

- 1 2. The information handling system bulk component package of Claim 1
2 further comprising an information handling system chassis packaged in each partition.

- 1 3. The information handling system bulk component package of Claim 2
2 wherein the protective bag has an opening in the upper portion sized for extraction of
3 the chassis from the protective bag by a robotic arm.

- 1 4. The information handling system bulk component package of Claim 1
2 wherein the extension couples to the slots by slipping in the slots and tying a knot in
3 the extension.

- 1 5. The information handling system bulk component package of Claim 1
2 wherein the protective bag comprises a die-cut polyethylene bag.

- 1 6. The information handling system bulk component package of Claim 5
2 wherein the extensions comprise die-cut rectangular blocks extending from the upper
3 portion of the bag.

1 7. The information handling system bulk component package of Claim 5
2 wherein the openings comprise opposing triangular cut openings at the lower portion
3 of the bag.

1 8. A method for packaging information handling system components, the
2 method comprising:
3 cutting an opening in the bottom portion of a protective bag;
4 inserting the component in the protective bag;
5 placing the protective bag in a container;
6 inserting opposing top portions of the protective bag into slots formed on
7 opposing sides of the container; and
8 securing the top portions of the protective bag to the container slots.

1 9. The method of Claim 8 wherein securing the top portions further
2 comprises twisting the top portions.

1 10. The method of Claim 8 wherein securing the top portions further
2 comprises tying a knot that restricts removal of the top portions through the container
3 slots.

1 11. The method of Claim 8 further comprising:
2 extracting the component from the protective bag and the container;
3 preventing separation of the protective bag from the container by the securing
4 of the top portion to the container slots; and
5 retaining the protective bag in the container by passing air through the
6 openings as the component is extracted.

1 12. The method of Claim 11 wherein the component comprises an
2 information handling system chassis.

1 13. The method of Claim 11 wherein the protective bag comprises a die-
2 cut polyethylene bag having extensions aligned to insert in the container slots.

1 14. The method of Claim 11 wherein the container comprises a partition of
2 a box having plural partitions arranged to package plural components.

1 15. The method of Claim 11 wherein extracting further comprises:
2 coupling a robotic arm to the component; and
3 lifting the component from the container with the robotic arm.

1 16. The method of Claim 11 further comprising:
2 separating the protective bag from the container; and
3 recycling the protective bag and container.

1 17. A protective bag for shipping components to an assembly location in a
2 bulk container having plural partitions, the protective bag comprising:
3 a main body sized to encase the component in a partition;
4 a bottom surface arranged to rest between the component and container;
5 a top perimeter defining an opening sized to accept the component in the main
6 body;
7 a coupler operable to couple the protective bag to the container to prevent
8 separation of the protective bag from the container; and
9 a vacuum release associated with the bottom surface and operable to reduce a
10 vacuum formed in the main body by removal of the component.

1 18. The protective bag of Claim 17 wherein the coupler comprises
2 opposing tie extensions aligned to couple to opposing openings of the container.

1 19. The protective bag of Claim 18 wherein the vacuum release comprises
2 opposing triangular openings cut at the bottom surface.

1 20. The protective bag of Claim 19 further comprising polyethylene
2 having the main body, tie extensions and triangular openings formed by die cutting.